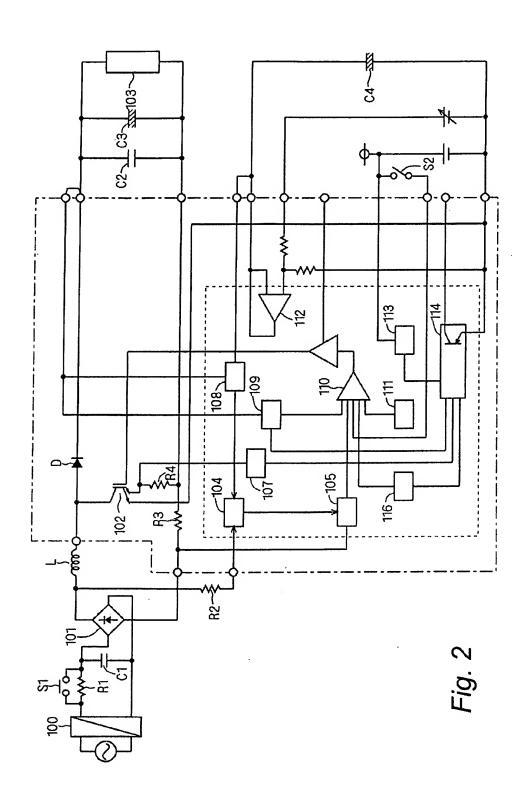


Fig. 1



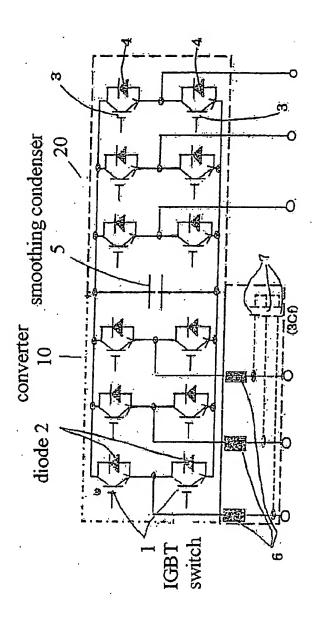


Fig. 3

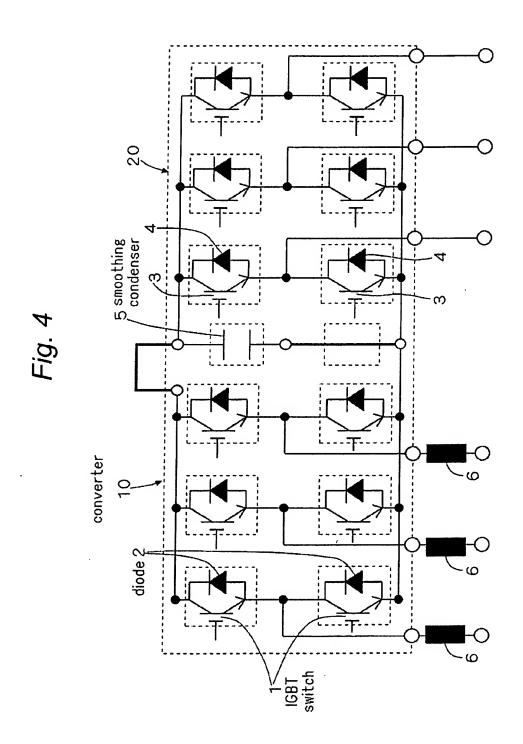


Fig. 5

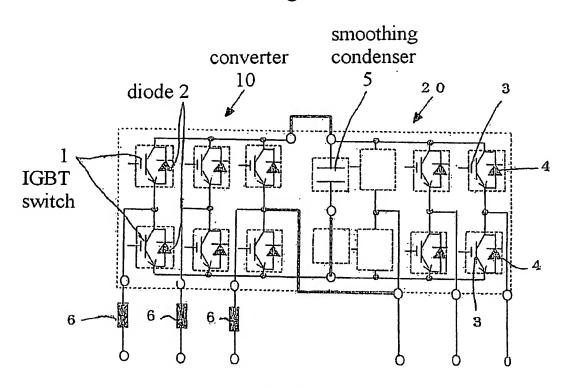


Fig. 6

converter smoothing condenser

diode 2 5 20

IGBT switch smoothing condenser

Fig. 7

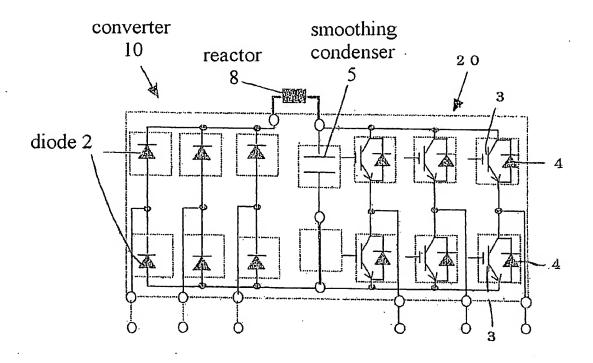


Fig. 8

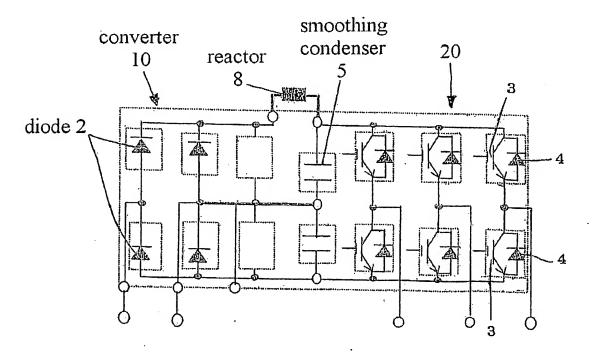


Fig. 9

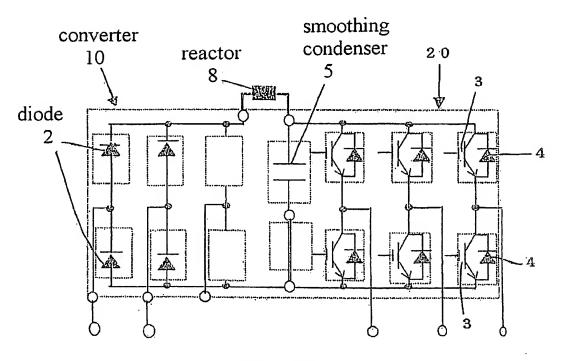
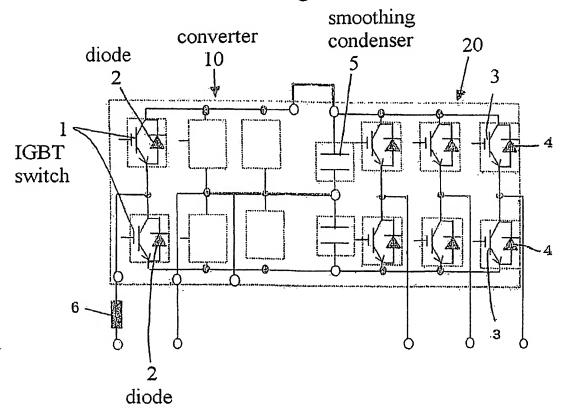


Fig. 10



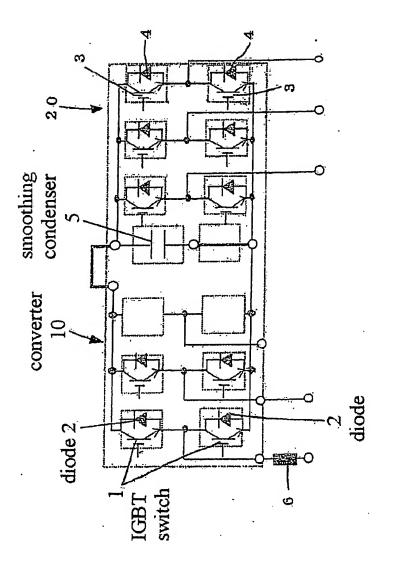
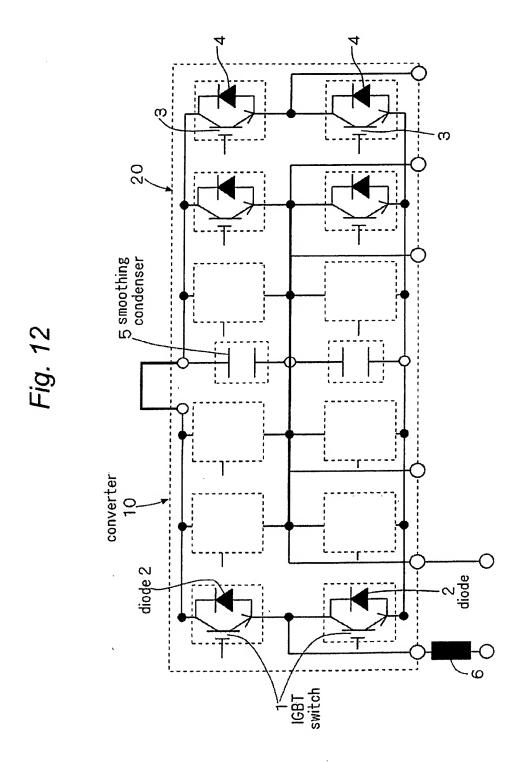


Fig. 11



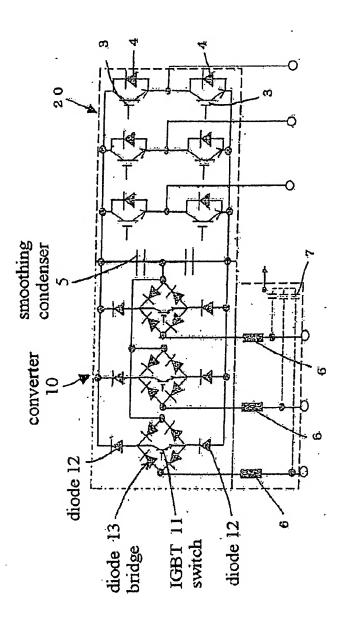


Fig. 13

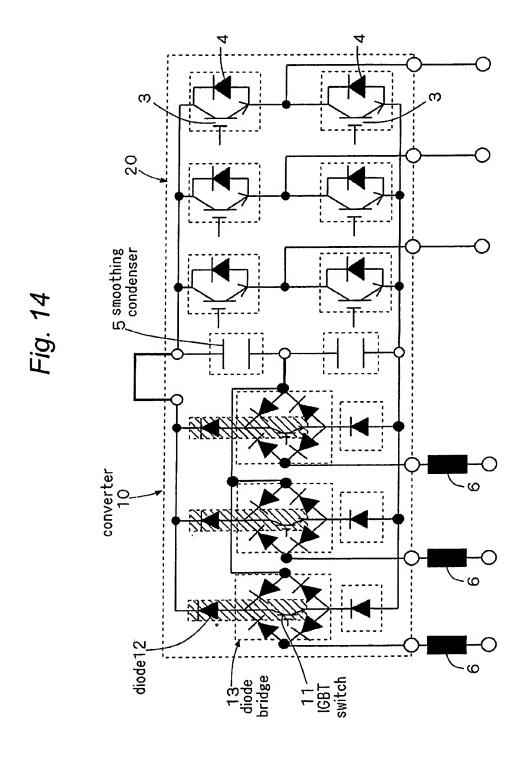


Fig. 15

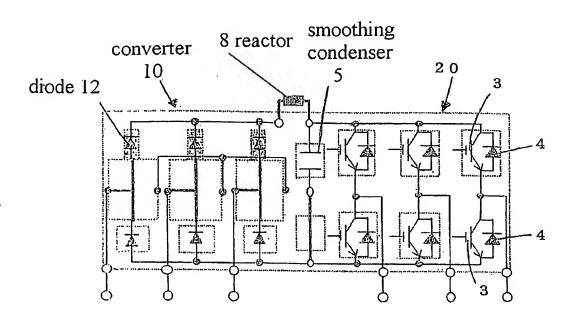


Fig. 16

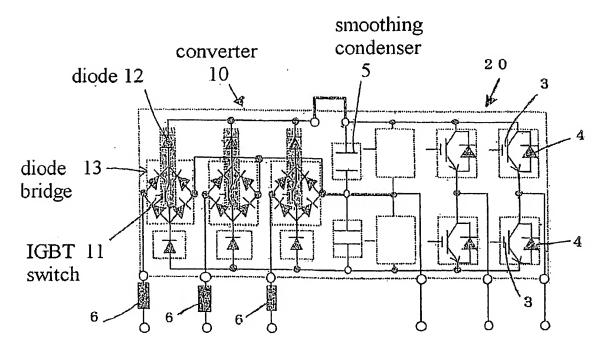


Fig. 17

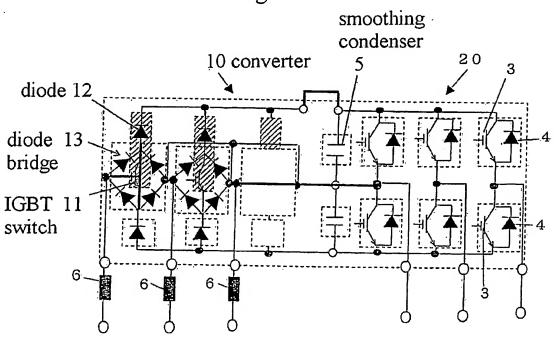
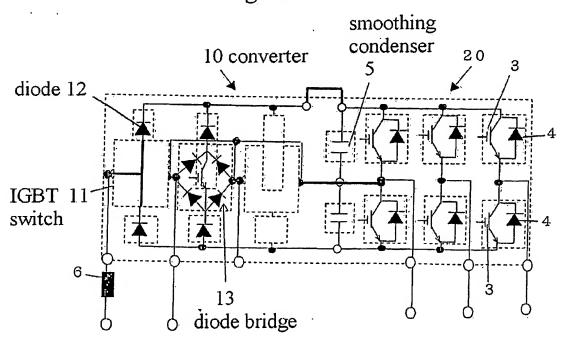


Fig. 18



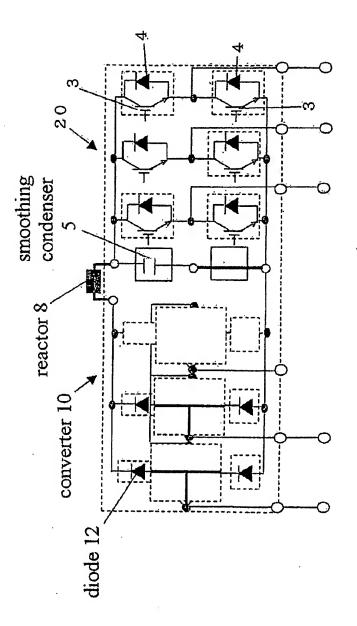


Fig. 19

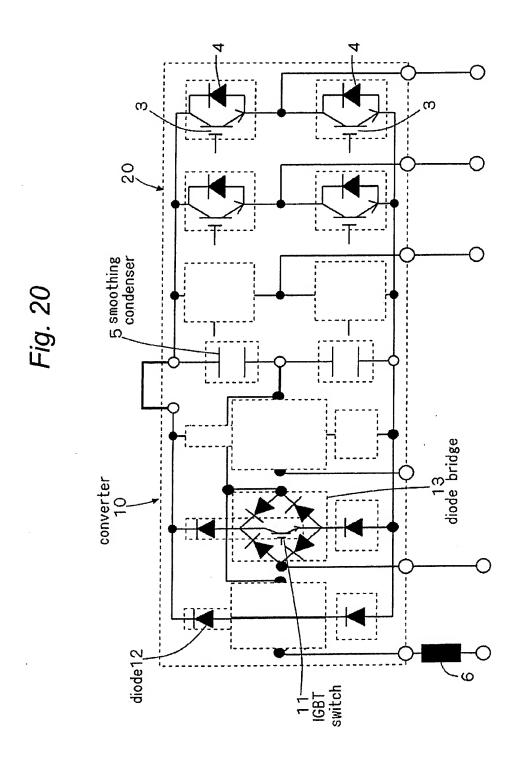


Fig.21

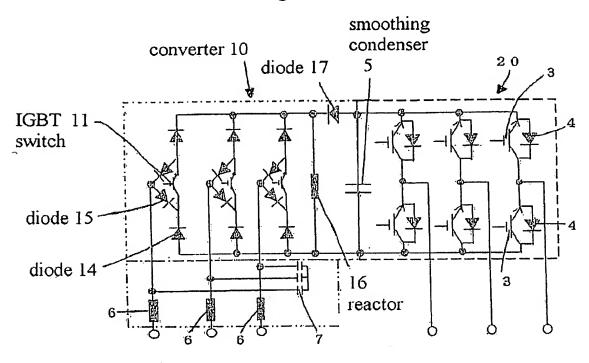
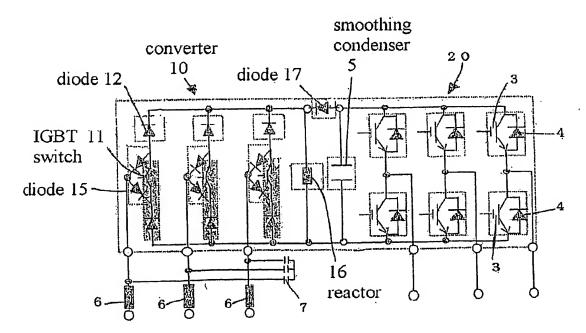


Fig.22



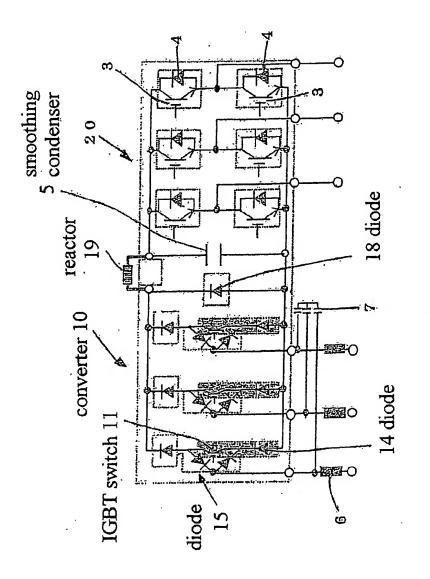


Fig. 23

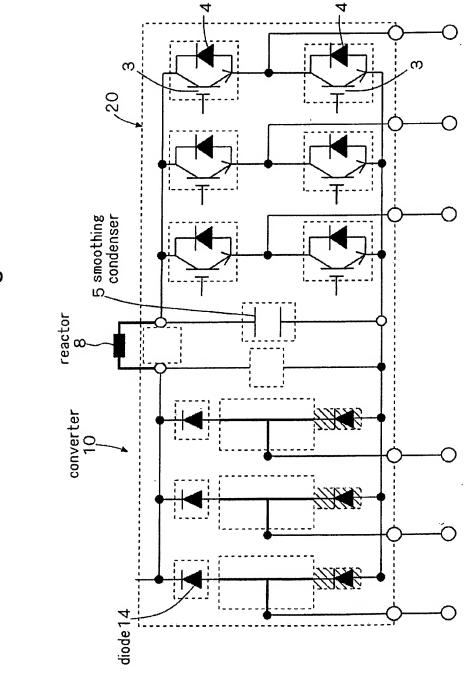
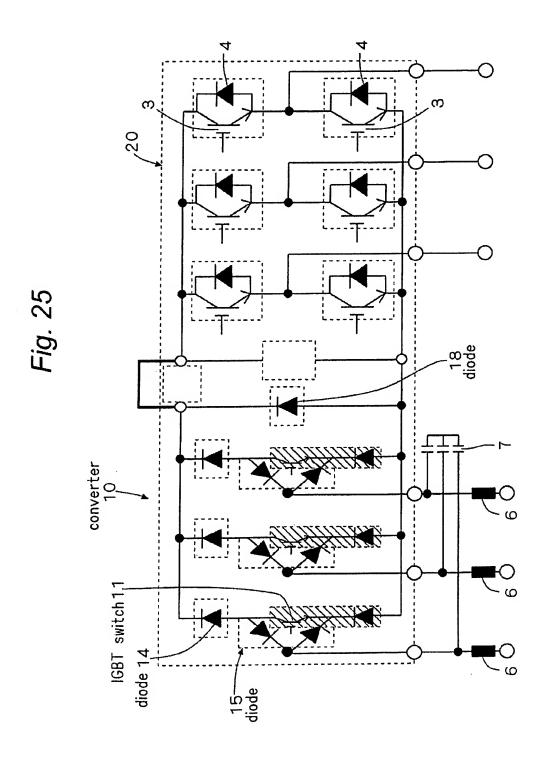


Fig. 24



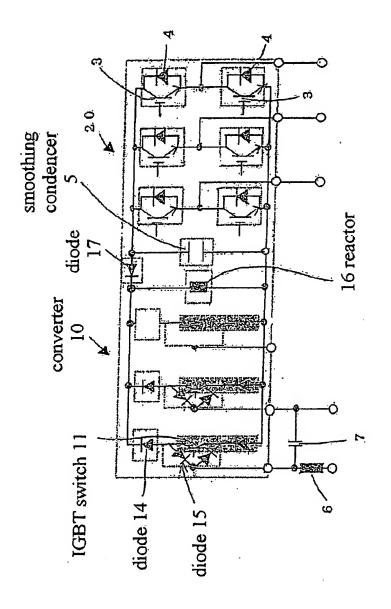
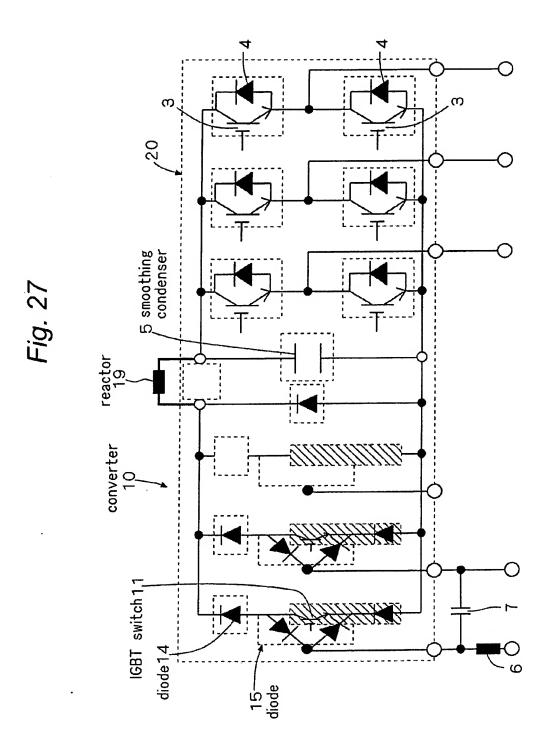


Fig. 26



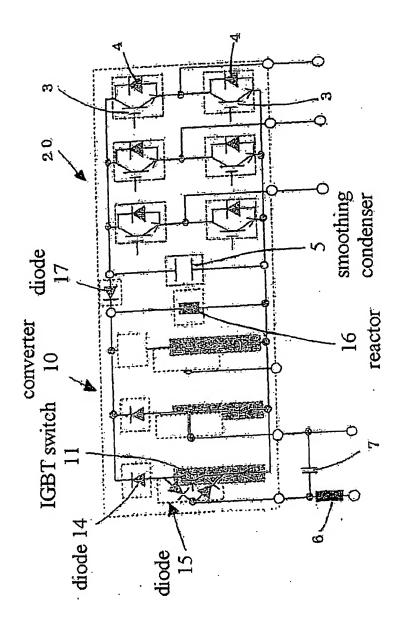
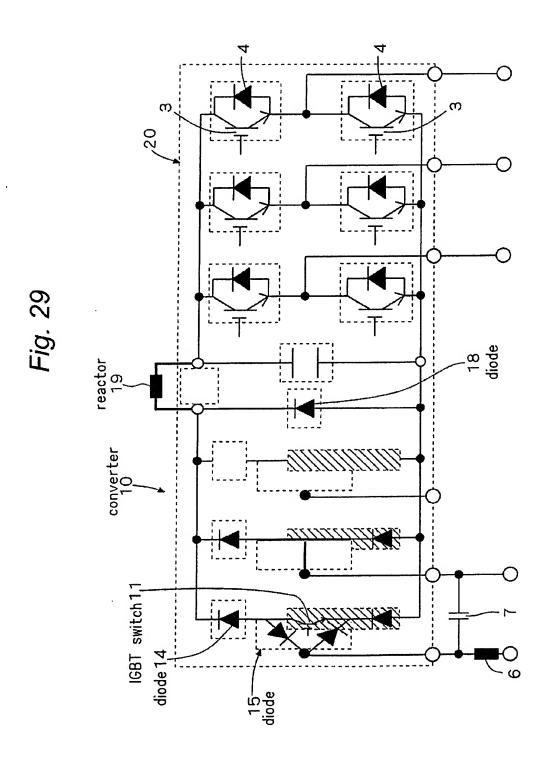
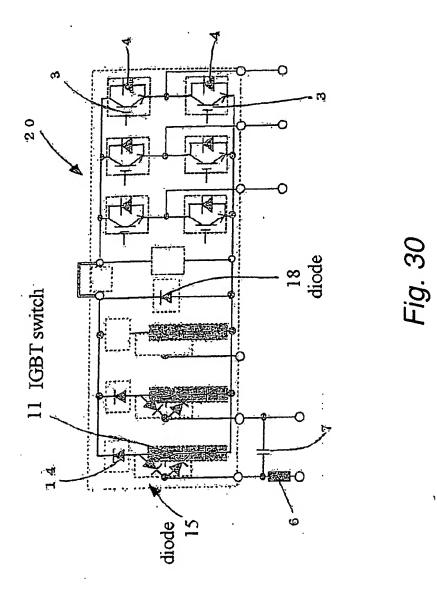
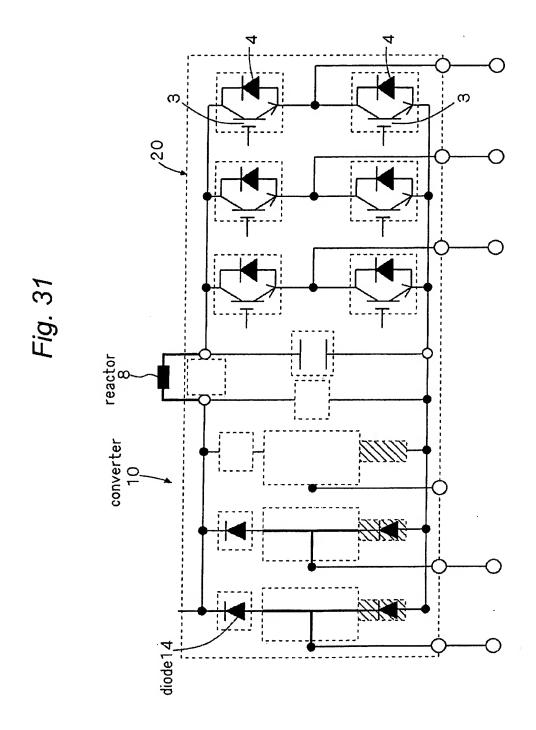


Fig. 28







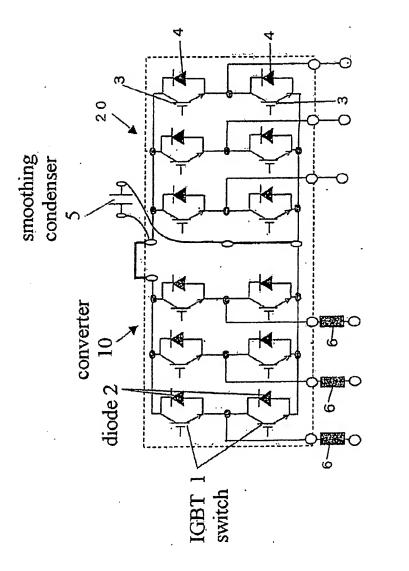


Fig. 32

Fig. 33

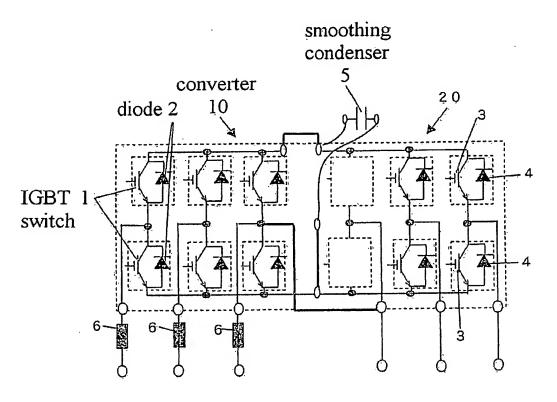


Fig.34

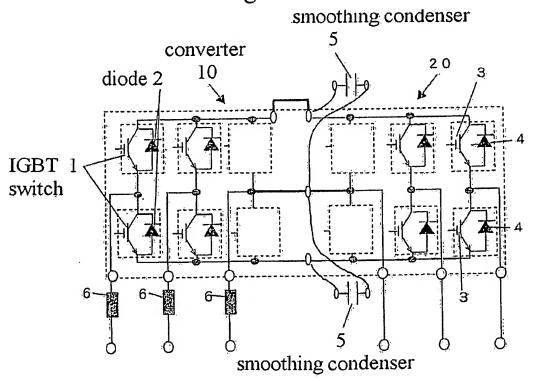


Fig. 35

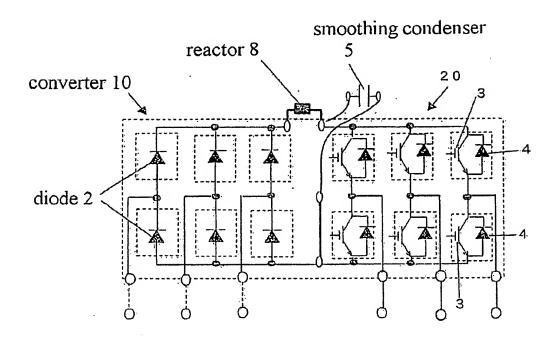


Fig. 36

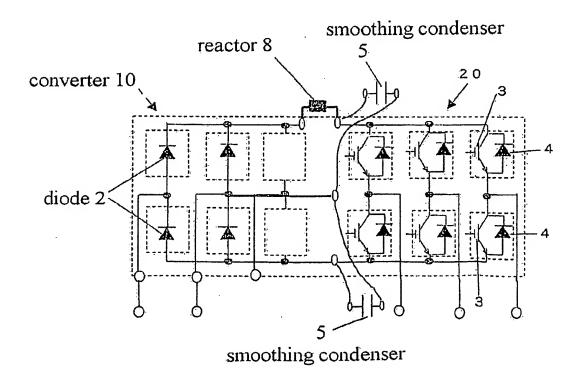


Fig. 37

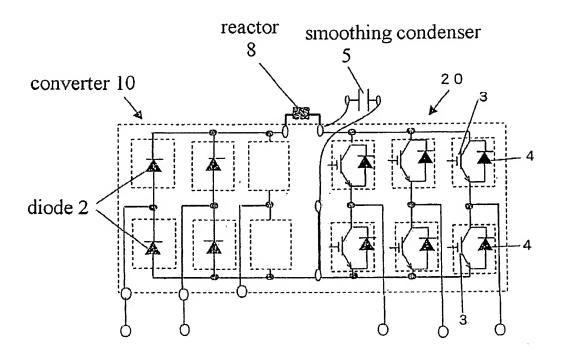
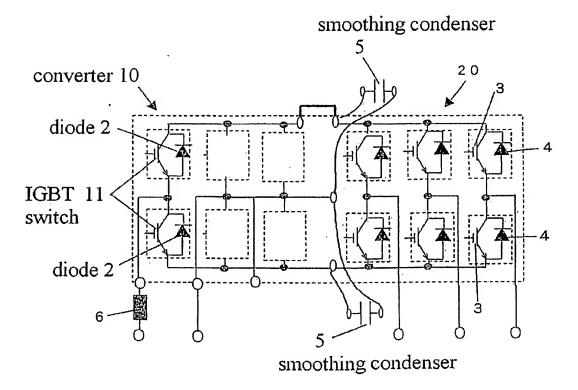


Fig. 38



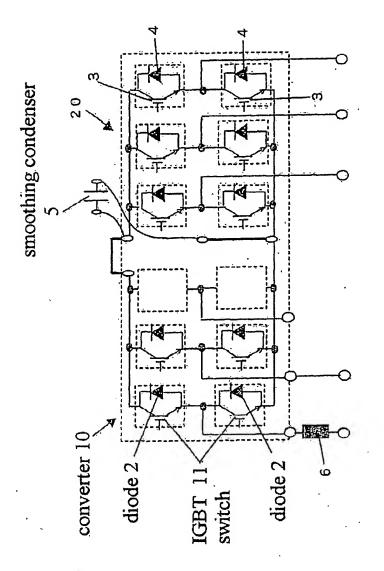
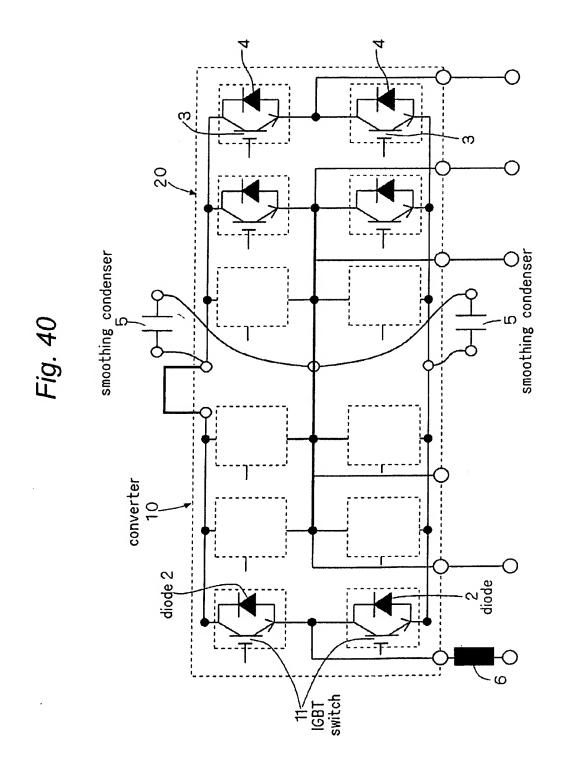
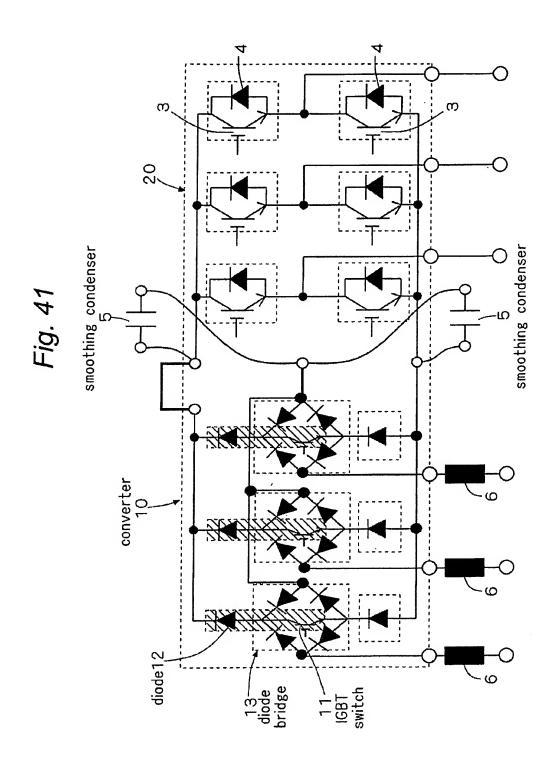


Fig. 39





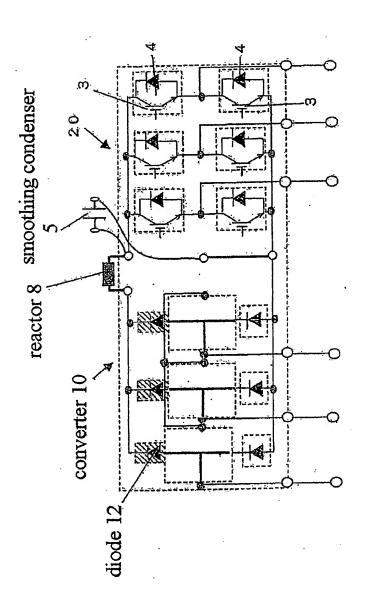


Fig. 42

Fig. 43

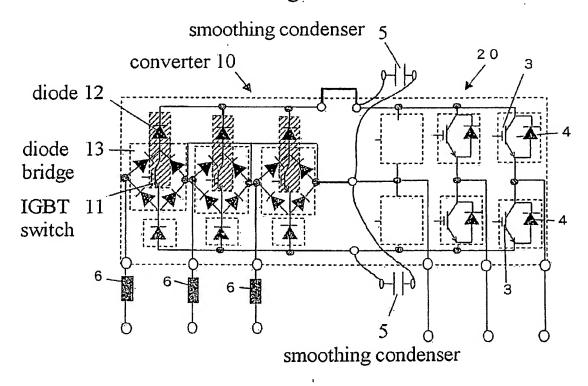


Fig. 44

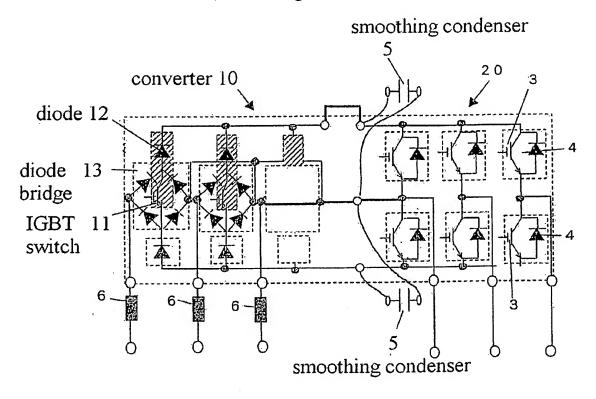


Fig. 45

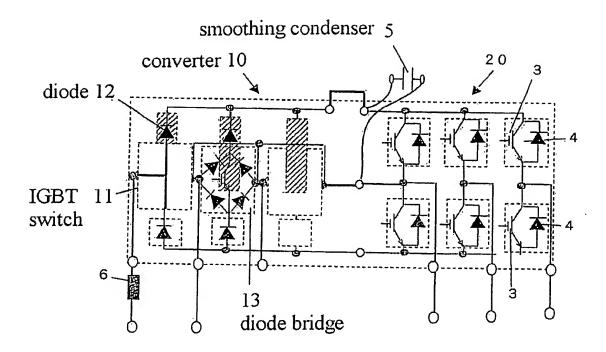
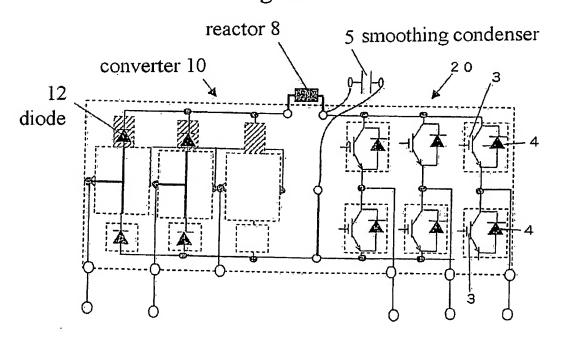
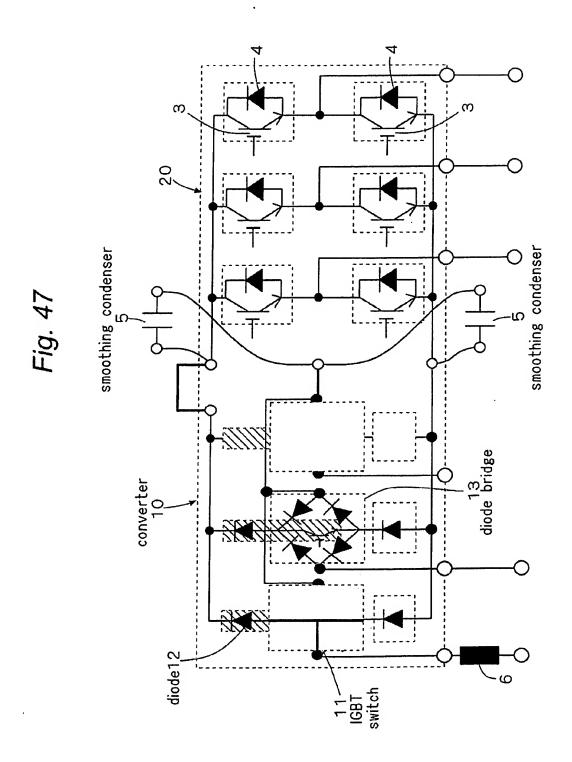


Fig. 46





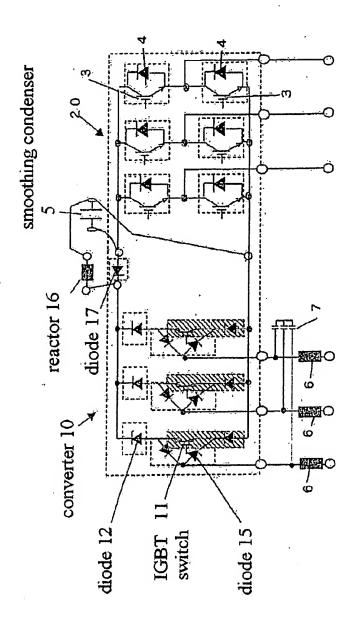
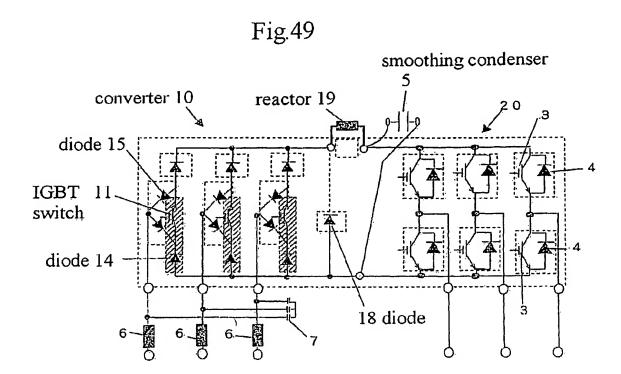


Fig. 48



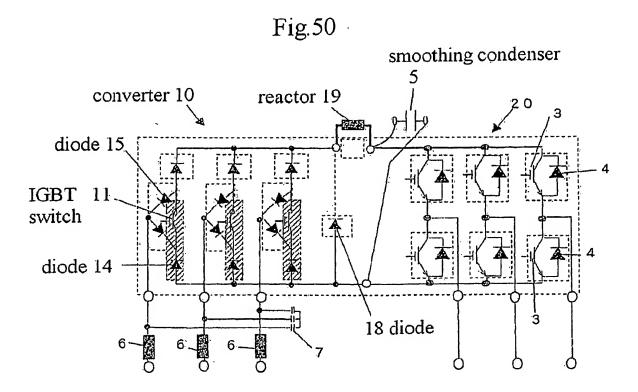


Fig.51

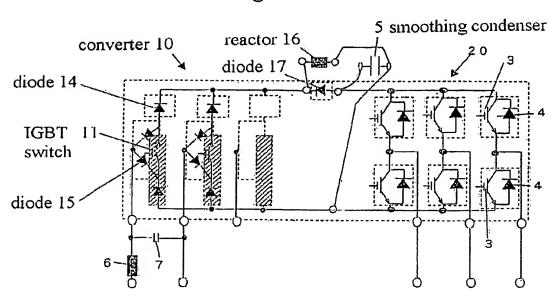
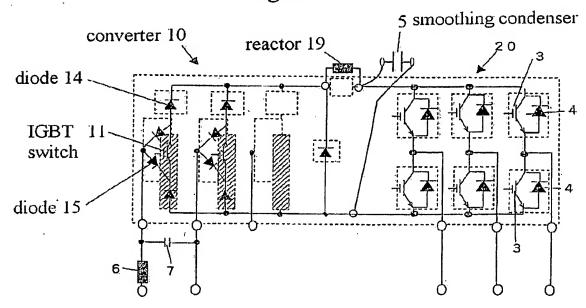
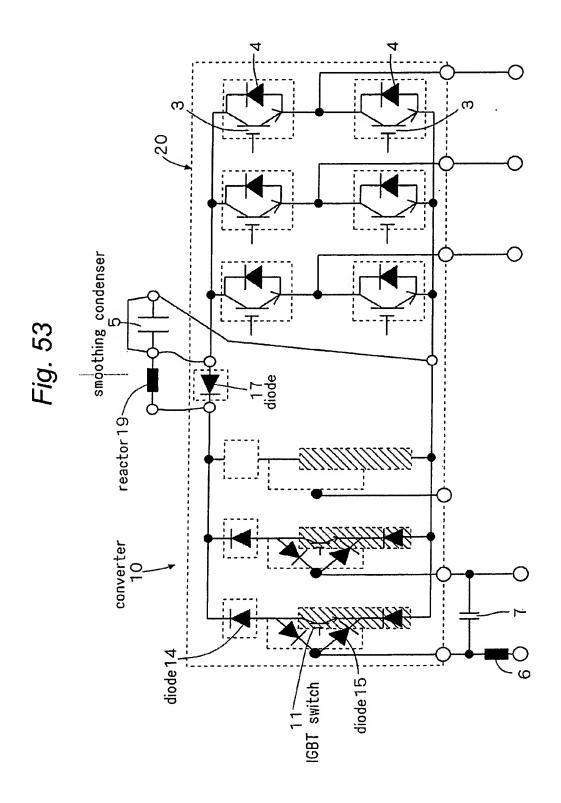


Fig.52





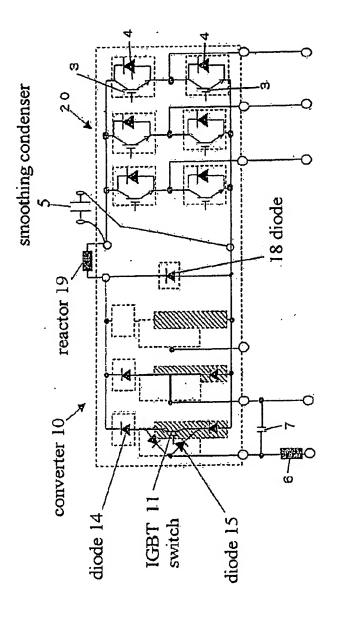


Fig. 54